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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/369,281	08/06/1999	KIA SILVERBROOK	169.0013-DI	6584

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NEW YORK, NY 10112

EXAMINER
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NGUYEN, PHU K

ART UNIT	PAPER NUMBER
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2671

DATE MAILED: 11/18/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/369,281

Applicant(s)

SILVERBROOK, KIA

Examiner

Phu K. Nguyen

Art Unit

2671

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 21 August 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 84-90 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 84-90 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 21.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

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The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 84-90 are rejected under 35 U.S.C. 103(a) as being unpatentable over ISHIDA et al. (5,917,947).

As per claim 84, Ishida teaches the claimed "method of creating an image" (Ishida, figure 1A) formed by "a plurality of bands, the bands being formed independently of data included in the bands" (Ishida, figure 4), "each of the bands is stored as independently compressed pixel image data" (Ishida, column 9, lines 15-35). It would have been obvious that "each of the bands is configured for independent manipulation through at least decompression of said band" because each of these compressed bands has been independently compressed and stored as individual block, then it can be read out independently and processed accordingly.

Claim 85 adds into claim 84 the manipulations such as "rendering, composition, and editing the image" which would have been obvious because Ishida (column 28, lines 16-20) can retrieve and process the data of each individual block independently with any well known operations such as rendering, composition, editing, ...

As per claim 86, Ishida teaches the claimed "method of creating an image formed as a plurality of bands or sections" (Ishida, figures 1A and 4) comprising the step of storing each of the bands independently compressed pixel image data (Ishida, column 9, lines 15-35). It would have been obvious to "edit the image by effecting multiple

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passes over the bands whereby each band is configured for independent editing” because Ishida (column 28, lines 16-20) can retrieve and process the data of each individual block independently with any well known operations such as rendering, composition, editing, ...

Claim 87 adds into claim 86 “a compressed band” is formed for each band which Ishida teaches in column 9, lines 15-35.

Claim 88 adds into claim 86 “decompressing the compressed bands, editing it, compressed it again, and stored it” which would have been obvious because Ishida (column 28, lines 16-20) can retrieve and process the data of each individual block independently with any well known operations such as rendering, composition, editing.

Claim 89 adds into claim 88 “decompressing, editing, and compressing” the band information on one band at a time which would have been obvious because each individual band has been independently compressed and stored, therefore to perform the edit process, each band would have been decompressed, editing, and compressed again for storing.

Claim 90 adds into claim 89 “storing step is performed on one band at a time” which would have been obvious because each band has been independently compressed and therefore ready for stored for a later use.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Phu K. Nguyen whose telephone number is (703)305 - 9796. The examiner can normally be reached on M-F 8:00-4:30.

The fax phone number for the organization where this application or proceeding is assigned is (703) 308-6606. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3800.

Phu K. Nguyen  
November 17, 2003

*Phu K. Nguyen*  
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